

CLAIMS

1. A carabiner with an illuminator, said carabiner comprises:

a carabiner main-body made of material with no electric conductivity,
being provided with a receiving chamber, said receiving chamber having
5 a receiving mouth being formed thereon a connecting portion;

a pushing member made of material with no electric conductivity,
being provided on a bottom surface of said receiving chamber and provided
with a pusher rod;

an elastic element being extended over said pusher rod of said pushing
10 member;

an illuminating set further having a housing, a battery assembly,
a lamp bulb and an electrically conducting sheet, said housing receiving
therein said battery assembly, said lamp bulb being provided on the front
end of said housing, two pins of said lamp bulb being respectively
15 connected with said battery assembly and said electrically conducting
sheet which is provided exteriorly of said housing and is provided on
an end thereof with a press-abutting piece between said battery assembly
and said pusher rod;

a lamp cap provided with a connecting portion to be locked on said
20 connecting portion of said carabiner main-body, so that said lamp bulb
being adapted to extending therein.

2. The carabiner with an illuminator as in claim 1, wherein:

said connecting portion on said receiving chamber is an external
thread, while said connecting portion on said lamp cap is an internal
25 thread.

3. The carabiner with an illuminator as in claim 1, wherein:
said battery assembly is composed of a plurality of batteries
connected in series.

4. The carabiner with an illuminator as in claim 1, wherein:
5 said carabiner main-body includes a shank and two mutually opposite
bended rod-portions, said two bended rod-portions form therebetween an
opening, said receiving chamber is provided on one end of said shank,
one end of said bended rod-portion is provided with a pivotally connected
engaging member for closing of said opening.

10 5. The carabiner with an illuminator as in claim 1, wherein:
said housing of said illuminating set is made of material with no
electric conductivity.

6. The carabiner with an illuminator as in claim 1, wherein:
said housing of said illuminating set is made of material with
15 electric conductivity.

7. A carabiner with an illuminator, said carabiner comprises:
a carabiner main-body made of material with electric conductivity,
being provided with a receiving chamber, said receiving chamber having
a receiving mouth being formed thereon a connecting portion;
20 a pushing member made of material with electric conductivity, being
provided on a bottom surface of said receiving chamber and provided with
a pusher rod;

an elastic element being extended over said pusher rod of said pushing
member;

25 an illuminating set further having a housing, a battery assembly and

a lamp bulb, said housing receiving therein said battery assembly, said lamp bulb being provided on the front end of said housing, two pins of said lamp bulb being respectively connected with said battery assembly and a peripheral inner wall of said receiving chamber, one end of said
5 battery assembly being pressed against said pusher rod;

a lamp cap provided with a connecting portion to be locked on said connecting portion of said carabiner main-body, so that said lamp bulb being adapted to extending therein.

8. The carabiner with an illuminator as in claim 7, wherein:
10 said connecting portion on said receiving chamber is an external thread, while said connecting portion on said lamp cap is an internal thread.

9. The carabiner with an illuminator as in claim 7, wherein:
said battery assembly is composed of a plurality of batteries
15 connected in series.

10. The carabiner with an illuminator as in claim 7, wherein:
said carabiner main-body includes a shank and two mutually opposite bended rod-portions, said two bended rod-portions form therebetween an opening, said receiving chamber is provided on one end of said shank,
20 one end of said bended rod-portion is provided with a pivotally connected engaging member for closing of said opening.

11. The carabiner with an illuminator as in claim 7, wherein:
said housing of said illuminating set is made of material with no electric conductivity.

25 12. A carabiner with an illuminator, said carabiner comprises:

a carabiner main-body made of material with electric conductivity, being provided with a receiving chamber, said receiving chamber having a receiving mouth being formed thereon a connecting portion;

a pushing member made of material with electric conductivity, being
5 provided on a bottom surface of said receiving chamber and provided with a pusher rod;

an elastic element being extended over said pusher rod of said pushing member;

an illuminating set further having a housing, a battery assembly and
10 a lamp bulb and an electrically conducting sheet, said housing receiving therein said battery assembly, said lamp bulb being provided on the front end of said housing, two pins of said lamp bulb being respectively connected with said battery assembly and said electrically conducting sheet which is provided exteriorly of said housing and is provided on
15 an end thereof with a press-abutting piece between said battery assembly and said pusher rod;

a lamp cap provided with a connecting portion to be locked on said connecting portion of said carabiner main-body, so that said lamp bulb being adapted to extending therein.

20 13. The carabiner with an illuminator as in claim 12, wherein:

said connecting portion on said receiving chamber is an external thread, while said connecting portion on said lamp cap is an internal thread.

14. The carabiner with an illuminator as in claim 12, wherein:

25 said battery assembly is composed of a plurality of batteries

connected in series.

15. The carabiner with an illuminator as in claim 12, wherein:

said carabiner main-body includes a shank and two mutually opposite
bended rod-portions, said two bended rod-portions form therebetween an
5 opening, said receiving chamber is provided on one end of said shank,
one end of said bended rod-portion is provided with a pivotally connected
engaging member for closing of said opening.

16. The carabiner with an illuminator as in claim 12, wherein:

said housing of said illuminating set is made of material with no
10 electric conductivity.

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